

Amendments to the Specification:

Please replace the paragraph on page 8, lines 3-7 with the following replacement paragraph:

Referring now to FIGURE 2, a system and method for selective black-holing in accordance with an embodiment of the present invention will now be described. An exemplary method of selective black-holing uses Border Gateway Protocol (BGP) as an underlying protocol. It is understood by one of ordinary skill in the art that an exemplary method or system can be applied to other dynamic routing protocols that allow route filtering.

Please replace the paragraph on page 13, lines 10-12 with the following replacement paragraph:

Assume in FIGURES 3A and 3B that the IGP is OSPF with a metric set to 1 on each link of the network between each router. Then the OSPF routes to routers 1 and 7 are as shown in Table 1.

Please replace the paragraph on page 13, lines 14-19 with the following replacement paragraph:

Using Table 1 and FIGURES 3A and 3B various different black-holing strategies can be devised such that routing to the system-under-attack 24 and the black-hole router 22 (having the same address as the system-under-attack, but with a higher preference) is consistent using the OSPF, or other type of IGP, next-hop information. Table 2 provides schemes that are consistent routing in accordance with an embodiment of the invention. Table 2 is not an exhaustive list of consistent black-holing schemes for this example.